

Khoirunnisa

Tangerang, Banten, Indonesia | nkoirun10@gmail.com | www.linkedin.com/in/nkhoirunnisa

EDUCATION

Universitas Gunadarma

Depok, Indonesia

Bachelor of Computer Science (S.Kom) in Informatics (GPA: 3.94)

September 2022 – August 2026

WORK EXPERIENCE

Coding Camp powered by DBS Foundation

Remote

AI Engineer Facilitator

February 2026 – July 2026

- Facilitated 16 weekly consultation sessions for 25 students utilizing Python and ML frameworks, achieving an outstanding 92% graduation rate through interactive technical mentoring.
- Assisted industry experts across 14 Instructor-Led Training sessions covering AI tech and soft skills, supporting an average of 40-50 participants per session.
- Evaluated participant progress and resolved technical inquiries, earning a 4.95/5.00 average bi-weekly satisfaction rating and 4.86/5.00 ILT session rating.

Ministry of Communication and Digital (Komdigi)

Central Jakarta, Indonesia

Information Systems Intern

June 2025 – August 2025

- Engineered E-Persediaan, a web-based inventory management application using Laravel and MVC architecture to digitalize logistics, efficiently managing 50+ inventory items across multiple divisions.
- Built secure multi-role authorization and item tracking features to optimize stock opname and purchase orders for internal division workflows.

Universitas Gunadarma

Depok, Indonesia

NVIDIA DGX Lab Assistant

March 2024 – July 2026

- Developed and delivered Focus Group Discussion (FGD) materials on machine learning optimization for 50+ participants.
- Guided undergraduate students in operating NVIDIA DGX machines and debugging Python code for complex machine learning practicums.
- Co-authored AI research on heart failure classification using Support Vector Machine (SVM) and Firefly Algorithm Optimization, published in IRE Journals (May 2026, DOI: [10.64388/IREV9I11-1718180](https://doi.org/10.64388/IREV9I11-1718180)).

Cyber Community Universitas Gunadarma

Depok, Indonesia

Core Tim - Public Relations Officer

December 2023 – July 2026

- Designed digital forensics and network analysis challenges utilizing Wireshark and memory dumps for Technofair CTF, a national competition with 30+ participating, and Hackfest (internal campus CTF).
- Organized cybersecurity competitions and delivered technical sharing sessions on memory dump analysis to university students.

PROJECTS

- NilaFresh (Undergraduate Thesis): Developed a web-based Nile tilapia freshness classification system utilizing CNN models and DeepSeek API integration, deployed on Render and Netlify, achieving an outstanding 99% accuracy.

- Palm Vein Biometric Authentication System: Engineered a biometric authentication system utilizing Gabor Filters and VGG19 deep learning architecture for advanced feature extraction, achieving an exceptional 99% classification accuracy and an Equal Error Rate (EER) of 0.0053.
- OvarAI: Built an AI web application classifying 5 ovarian conditions from ultrasound images utilizing Dual-Branch CNN and GLCM texture features, deployed via Streamlit, achieving a 96.7% classification accuracy.
- Histotalk: Engineered an interactive historical education simulation utilizing Gemini 2.0 Flash, FAISS RAG, and TensorFlow.js for the Coding Camp Capstone Project.
- E-Persediaan (Komdigi Inventory System): Developed a full-featured web-based inventory management application utilizing PHP, Laravel, and MVC architecture to digitalize logistics operations, managing 50+ inventory items across multiple divisions with secure multi-role access control, stock opname, and purchase order modules.
- OldMarket: Developed a full-stack e-commerce platform for second-hand jackets utilizing React, TypeScript, Node.js, Prisma, PostgreSQL, and Supabase.

SKILLS & CERTIFICATIONS

Languages & Frameworks: Python, PHP, TypeScript, SQL, Laravel, React, Next.js, Node.js, TensorFlow, PyTorch, Scikit-Learn, OpenCV.

Tools & Cloud: Git, MySQL, PostgreSQL, Supabase, Prisma ORM, Render, Netlify, Power BI, Microsoft Excel (Advanced: VLOOKUP, Pivot Tables, Power Query, DAX).

Certifications: [Data Scientist Associate](#), [Data Analyst Associate](#), [Machine Learning Developer](#), [Python Data Analysis](#).